

CLAIMS

1 A communication method via a network (30) between a recording and/or reproducing device (20) able to read a data carrier (22), and a remote unit (10) comprising additional data (11) for the data carrier (22), said communication method comprising the steps of:

- extracting data carrier properties (23) from the data carrier (22) inserted in the recording and/or reproducing device (20),
- sending said properties (23) to the remote unit (10), and
- authenticating the data carrier (22) by comparing said properties (23) with the ones of a corresponding data carrier legally produced by a provider, before sending the additional data (11) to the recording and/or reproducing device (20).

2 A communication method as claimed in claim 1, wherein the data carrier properties (23) are written in a control data zone of the data carrier (22).

15 3 A communication method as claimed in claim 1, further comprising a step of blacklisting the recording and/or reproducing device (20) if the remote unit (10) receives a number of requests higher than a predetermined threshold from said recording and/or reproducing device (20) containing a non-authenticated data carrier.

20 4 A communication method as claimed in claim 1, wherein the remote unit (10) is able to send different types of additional data (11) as a function of the properties (23) of the data carrier (22).

25 5 A communication system comprising a recording and/or reproducing device (20) able to read a data carrier (22), and a remote unit (10) comprising additional data (11) for the data carrier (22), said device (20) and unit (10) communicating via a network (30), wherein the remote unit (10) is able to retrieve data carrier properties (23) from the data carrier (22) inserted in the recording and/or reproducing device (20), and to authenticate said data carrier (22) by comparing said properties (23) with the ones of a corresponding data carrier legally produced by a provider, before sending the additional data (11) to said recording and/or reproducing device (20).

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6 A remote unit (10) for communicating with a recording and/or reproducing device (20) able to read a data carrier (22), the remote unit (10) comprising additional data (11) for the data carrier (22), means for retrieving data carrier properties (23) from the data carrier (22) inserted in the recording and/or reproducing device (20), and means for authenticating said data carrier (22) by comparing said properties (23) with the ones of a corresponding data carrier legally produced by a provider, before sending the additional data (11) to said recording and/or reproducing device (20).

7 A recording and/or reproducing device (20) able to read a data carrier (22) and to
10 communicate with a remote unit (10) comprising additional data (11) for the data carrier (22),
said device comprising means for extracting data carrier properties (23) from the data carrier
(22) inserted in the recording and/or reproducing device (20) and means for sending said
properties (23) to the remote unit (10).

15 8 A computer program comprising program instructions for implementing, when said
program is executed by a processor, a communication method via a network (30) between a
recording and/or reproducing device (20) able to read a data carrier (22), and a remote unit
(10) comprising additional data (11) for the data carrier (22), said communication method
comprising the steps of:

20 – extracting data carrier properties (23) from the data carrier (22) inserted in the recording
and/or reproducing device (20), and
– sending said properties (23) to the remote unit (10).

9 A computer program comprising program instructions for implementing, when said
25 program is executed by a processor, a communication method via a network (30) between a
recording and/or reproducing device (20) able to read a data carrier (22), and a remote unit
(10) comprising additional data (11) for the data carrier (22), said communication method
comprising the steps of:

30 – retrieving data carrier properties (23) from the data carrier (22) inserted in the recording
and/or reproducing device (20), and
– authenticating the data carrier (22) by comparing said properties (23) with the ones of a
corresponding data carrier legally produced by a provider, before sending the additional
data (11) to the recording and/or reproducing device (20).